

Abstract

The inventive data exchange device comprises a transmitter (SA4) fed by a power supply (VDDA), an  
5 electric cable (C1) whose first conducting wire is  
connected to a fixed potential point (GNDA) of the  
transmitter and second conducting wire is connected to  
a variable potential point of the transmitter and a  
receiver (SB4). Said receiver (SB4) comprises a  
10 component (DZB4) which defines a voltage threshold  
opposite to the direction of electric current in the  
cable (C1). Said device is embodied in such a way that  
it is simple and low-cost in the production thereof.  
The device makes it possible to interconnect a  
15 plurality of transmitters and receivers and is low  
sensitive with respect to voltage and parasite  
currents.